





The undersigned representative of the above-identified assignee certifies that the above-identified assignee is the assignee of the entire right, title and interest in the above-identified patent application by virtue of a chain of title from the inventors of the above-identified patent application to the above-identified assignee as shown below:

From: FOTEDAR, Shivi; MANUR, Rajeev V.; SIKDAR, Somsubhra  
To: FORCE10 NETWORKS, INC.

Recorded on: April 12, 2001, Reel 011697, Frame 0936

The undersigned has reviewed all the documents in the chain of title of the above-identified patent application and, to the best of the undersigned's knowledge and belief, title is in the above-identified assignee. The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true; and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Executed the 14 day of March, 2005.

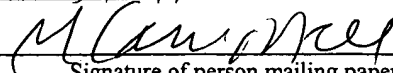
FORCE10 NETWORKS, INC.

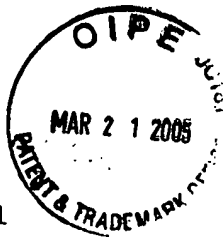
By:   
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File No. 35399.5  
A-174530.1

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\*101679624A\*

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/12/2001

REEL/FRAME: 011697/0936  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
FOTEDAR, SHIVI

DOC DATE: 03/29/2001

ASSIGNOR:  
MANUR, RAJEEV V.

DOC DATE: 03/29/2001

ASSIGNOR:  
SIKDAR, SOMSUBHRA

DOC DATE: 04/09/2001

ASSIGNEE:  
FORCE10 NETWORKS, INC.  
1440 MCCARTHY BLVD.  
MILPITAS, CALIFORNIA 95035

SERIAL NUMBER: 09834485  
PATENT NUMBER:

FILING DATE: 04/12/2001  
ISSUE DATE:

011697/0936 PAGE 2

MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
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## CHANGE OF CORRESPONDENCE ADDRESS *Application*

Address to:  
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P.O. Box 1450  
Alexandria, VA 22313-1450

Application Number	09/834,485
Filing Date	April 12, 2001
First Named Inventor	Fotedar, Shivi et al.
Art Unit	2665
Examiner Name	Ho, Duc Chi
Attorney Docket Number	35399.5

Please change the Correspondence Address for the above-identified patent application to:

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OR

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I am the:

☐ Applicant/Inventor

☐ Assignee of record of the entire interest.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

☒ Attorney or agent of record. Registration Number 40,013

☐ Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_

Signature

Typed or Printed Name James E. Harris

Date

3/16/05

Telephone 512/867-8502

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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04-24-2001  
101679624

PATENTS ONLY  
Attorney's Do. No. 3981-11

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: Shivi Fotedar, Rajeev V. Manur, and Somsubhra Sikdar

Serial No.: filed herewith

Filed: filed herewith

For: METHOD AND APPARATUS FOR PROVIDING VIRTUAL POINT TO POINT  
CONNECTIONS IN A NETWORK

Box Assignments  
Assistant Commissioner for Patents  
Washington, D.C. 20231

4/12/01



Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

1. Name of parties conveying an interest: (1) Shivi Fotedar  
(2) Rajeev V. Manur  
(3) Somsubhra Sikdar

2. Name and address of party receiving an interest: Force10 Networks, Inc.  
1440 McCarthy Blvd.  
Milpitas, California 95035

3. Description of the interest conveyed:

X Assignment \_\_\_ Change of Name \_\_\_ Security Agreement \_\_\_ Merger

Other:

Date of execution of attached document: (1) March 29, 2001  
(2) March 29, 2001  
(3) April 9, 2001

4. Application number(s) or patent number(s). Additional sheet attached? Yes \_\_\_ No X

If this document is being filed together with a new application, the execution date of the application is:

04/17/2001 EFLORES 00000053 09834485

03 FC:581

40.00 DP

(1) March 29, 2001  
(2) March 29, 2001  
(3) April 9, 2001.

A. Patent Application No.

B. Patent No.

09834485

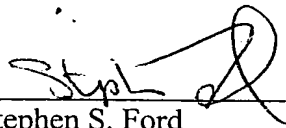
5. Name and address of party to whom correspondence concerning document should be mailed:

Stephen S. Ford  
Marger Johnson & McCollom  
1030 S.W. Morrison Street  
Portland, OR 97205

6. Number of applications and patents involved: 1
7. Enclosed is our check for \$40.00
8. Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.
9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Dated: April 12, 2001

Respectfully submitted,

  
Stephen S. Ford  
Reg. No. 35,139

Total number of pages comprising  
cover sheet and attached assignment: 5

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deposited with the United States Postal Service  
addressed to: Assistant Commissioner for Patents,  
Washington DC 20231 on April 12, 2001.

Signature

  
Ehren Rhea



ASSIGNMENT

**Assignor:** Shivi Fotedar

**Address:** 5016 Castlewood Drive  
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**Assignor:** Rajeev V. Manur

**Address:** 720 N. Fair Oaks Avenue, Apt. 116  
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**Assignor:** Somsubhra Sikdar

**Address:** 5692 Country Club Pkwy  
San Jose, California 95138

**Assignee:** Force10 Networks, Inc.

**Address:** 1440 McCarthy Blvd.  
Milpitas, California 95035

**Title of  
Invention:** METHOD AND APPARATUS FOR PROVIDING VIRTUAL POINT  
TO POINT CONNECTIONS IN A NETWORK

U.S. Patent Application:

Application Serial No.: Filed Herewith

Filing Date: Filed Herewith

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at Santa Clara, California, this 29<sup>th</sup> day of  
County  
March, 2001.

Shivi Fotedar  
Shivi Fotedar  
Assignor

STATE OF CALIFORNIA )  
 ) ss.  
County of SANTA CLARA )

Before me this 29<sup>th</sup> day of MARCH, 2001, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



Kristine Hernandez  
Notary Public for CALIFORNIA  
My commission expires: 12/10/2003

Executed at Santa Clara, California, this 29<sup>th</sup> day of  
County  
March, 2001.

Rajeev V. Manur  
Rajeev V. Manur  
Assignor

STATE OF CALIFORNIA )  
 ) ss.  
County of SANTA CLARA )

Before me this 29<sup>th</sup> day of MARCH, 2001, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



Kristine Hernandez  
Notary Public for CALIFORNIA  
My commission expires: 12/10/2003

Executed at MILPITAS, CA, this 9<sup>th</sup> day of  
APRIL, 2001.

Somsubhra Sikdar  
Somsubhra Sikdar  
Assignor

STATE OF California )  
County of Santa Clara ) ss.

Before me this 9<sup>th</sup> day of April, 2001, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

[SEAL]



Kristine Hernandez  
Notary Public for  
My commission expires: 12/10/2003